



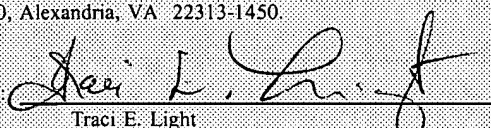
**PATENT**  
Attorney Docket No. **UM-04241**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: Mark A. Burns *et al.*  
Serial No.: 09/517,680  
Filed: 03/02/00  
Entitled: **Thermal Microvalves**

Group No.: 1743  
Examiner: J. Ludlow

**REQUEST FOR EXTENSION OF TIME**

<b>CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8(a)(1)(i)(A)</b>	
I hereby certify that this correspondence (along with any referred to as being attached or enclosed) is, on the date shown below, being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.	
Dated: <u>November 17, 2004</u>	By: <u></u> Traci E. Light

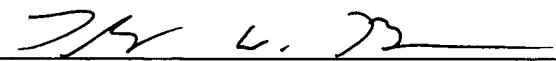
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir or Madam:

Applicants hereby petition for a two month extension of time to answer the outstanding Office Action mailed June 17, 2004 regarding the above-identified patent application. Please find a check enclosed in the amount of **\$215.00** to cover the extension fee for filing a Response within the second month.

The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment to Deposit Account No. **08-1290**. **An originally executed duplicate of this transmittal is enclosed for this purpose.**

Dated: November 17, 2004

By:   
Thomas W. Brown  
Registration No. 50,002

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MEDLEN & CARROLL, LLP  
101 Howard Street, Suite 305  
San Francisco, California 94105  
617/984-0616



1743

PATENT

Attorney Docket No. UM-04241

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Mark A. Burns *et al.*  
Serial No.: 09/517,680  
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Entitled: Thermal Microvalves

Group No.: 1743  
Examiner: J. Ludlow

## AMENDMENT TRANSMITTAL

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

<p align="center"><b>CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8(a)(1)(i)(A)</b></p> <p>I hereby certify that this correspondence (along with any referred to as being attached or enclosed) is, on the date shown below, being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.</p> <p>Dated: <u>November 17, 2004</u></p> <p>By:  Traci E. Light</p>
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Sir or Madam:

Transmitted herewith is an amendment for this application. The fee has been calculated as shown below.

	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE	ADDITIONAL FEE
Total Claims	17	—	20	0	×	18.00	\$0.00
Independent Claims	3	—	3	0	×	88.00	\$0.00

Two Month Extension of Time \$430.00

SUBTOTAL \$430.00

Small Entity 50% Filing Fee Reduction — \$215.00

TOTAL DUE \$215.00

1. A check in the amount of **\$215.00** is attached.
2. Please charge any additional fees, including any fees necessary for extensions of time, or credit overpayment to Deposit Account No. **08-1290**. **An originally executed duplicate of this transmittal is enclosed for this purpose.**
3. Petition for extension of time. The undersigned attorney of record hereby petitions for an extension of time pursuant to 37 C.F.R. § 1.136, as may be required, to file this response.

Dated: November 17, 2004

By:

Thomas W. Brown  
Registration No. 50,002

MEDLEN & CARROLL, LLP  
101 Howard Street, Suite 350  
San Francisco, California 94105